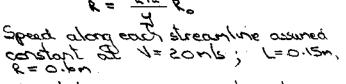
Given: Padius of curvature of streamlines at wind turnel inlet is modeled as



wall (4 = r/s) and turnel

Solution:

Basic equation:
$$\frac{2p}{2n} = p\frac{1}{2}$$

Assumptions: (1) steady flow (2) frictionless flow
(3) neglect body forces
(4) constant speed along each streamline

-P42-P